



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/592,113	06/12/2000	Muncomi Katayama	TESJ.0017	4948
38327	7590	07/28/2004	EXAMINER	
REED SMITH LLP			VO, TIM T	
3110 FAIRVIEW PARK DRIVE, SUITE 1400			ART UNIT	PAPER NUMBER
FALLS CHURCH, VA 22042			2112	

DATE MAILED: 07/28/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/592,113

Applicant(s)

KATAYAMA, MUNEOMI

Examiner

Tim T. Vo

Art Unit

2112

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 June 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-13 and 15-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 2-7, 9 and 10 is/are allowed.
- 6) ☒ Claim(s) 1, 8, 11-13 and 17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 12 June 2000 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Best Available Copy**Attachment(s)**

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

Part III DETAILED ACTION

Notice to Applicant(s)

This application has been examined. Claims 1-13 and 15-17 are pending.

Specification

1. Claims 15-16 are objected because they depend on the canceled claim 14.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraphs of 35 U.S.C. § 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless --

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

2. Claims 13 and 15-17 are rejected under 35 U.S.C. § 102(e) as being anticipated by Bianco et al. patent number 6,263,279 referred hereinafter "Bianco".

As for claims 13 and 17, Bianco teaches an input terminal equipment of golf play information, comprising: a pocket sized terminal equipment main body portable for a golf playing having a plan layout of a golf course to be displayed on the terminal equipment main body and electronic pen for plotting golf play results into the terminal equipment main body by clicking at an arrival position or drawing a trajectory of a golf ball on the plan layout (see column 10 lines 11-21, wherein systems 100, 200 are hand held terminals for golfers. Further in the abstract, Bianco teaches the mobile interface

Best Available Copy

unit, which refers to the hand held terminals 100, 200 for displaying playing field of the golf course and further figures 3, 5, 7-9 displays a corresponding sectional layout and elevation of the golf course, figure 2, discloses keyboard and pen for inputting data to the handheld 100, 200. Further, figures 3, 5, 7 and 9 disclose a drawing a trajectory of a golf ball on the plan layout).

As for claims 15-16, Bianco teaches the electronic pen is used to click an arrival position or draw a trajectory of a golf ball on the plan layout and distance is played by the displaying means (see figures 5, 7-10 and figure 2 discloses distance).

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. § 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 8 and 11-12 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Bianco in view of Gamer 5,636,872 referred hereinafter "Gamer".

As for claims 1, Bianco teaches an input terminal equipment for golf play information (see figure 1, system 100, figures 2-3, system 200 and column 6 lines 5-16, wherein systems 100, 200 are hand held terminals for golfer (see column 10 lines 11-21), comprising:

a pocket-sized terminal equipment main body portable for a golf player having display means for displaying a plan layout of a golf course to be displayed on the terminal equipment main body and a corresponding sectional layout of the golf course

Art Unit: 2112

showing elevation thereof (see column 10 lines 11-21, wherein systems 100, 200 are hand held terminals for golfers. Further in the abstract, Bianco teaches the mobile interface unit which refers to the hand held terminals 100, 200 for displaying playing field of the golf course and further figures 3, 5, 7-9 displays a corresponding sectional layout and elevation of the golf course), and an input member for inputting golf play results into the terminal equipment main body (see column 9 lines 38-51, wherein system 200 provides golfer keeping score by utilizing command key and pen).

Bianco does not expressly teach displaying cross-sectional layout of the golf course.

However, Gamer teaches displaying cross-sectional layout of the golf course by displaying the golf course terrain (see figure 6 and column 5 lines 5-31 of Gamer).

Therefore, it would have been obvious to a person of an ordinary skill in the art at the time the invention was made to have combined the teachings of Gamer into the teachings of Bianco because Gamer providing a golf player a view of the golf course terrain and distance measurement so the golf player would enhance his game (see column 6 lines 1-7 of Gamer).

As for claims 11-12, Bianco teaches the input member is an electronic pen (see figure 2, wherein section disclosed a pen).

Examiner's Statement of Reasons for Allowance

4. Claims 2-7 and 9-10 are allowable over the prior of records.
5. The following is an Examiner's statement of reasons for the indication of allowable subject matter: Claim 2 is allowable over the prior art of record because the Examiner found neither prior art cited in its entirety, nor based on the prior art, found

Best Available Copy

any motivation to combine any of the said prior arts. Prior art fails to teach a cradle dedicated for loading a plurality of the terminal equipment main bodies simultaneously and collectively managing the data from the terminal equipment main bodies into the computer.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tim T. Vo whose telephone number is 703-308-5862. The examiner can normally be reached on 7:30-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Rinehart can be reached on 703-305-4815. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Tim T. Vo
Primary Examiner
Art Unit 2112

7/23/04

Best Available Copy